

# PDR RID Report

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Document General

RID ID PDR 372

Review SDPS

Originator Ref

Priority 1

Section

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Figure Table

Category Name Segment-level

Actionee Project (Herring) & HAIS

Sub Category Project Requirements

Subject Unfinished Requirements Traceability

## Description of Problem or Suggestion:

ECS has not finished tracing the Levels 1,2,3 and 4 requirements to the design. Also, it is unclear how ECS traces the requirements to releases.

## Originator's Recommendation

Finish all traceability. Provide some sort of road map or traceability matrix for all requirements and releases. Place on EDHS in a single location (not spread across many documents) for quick and easy access.

GSFC Response by: Ted Ackerson

GSFC Response Date 5/12/95

MTPE has the responsibility for maintaining the Level 1 requirements and has worked with ESDIS to trace the Level 1 requirements to Level 2. This trace is maintained on an RTM system supporting MTPE. Hardcopies or electronic copies are available by contacting Paul Caruso of code 170.

ESDIS has responsibility for configuration control of the Level 2 and Level 3 requirements and maintains the baseline of these documents in the ESDIS CCB. The ESDIS project will also maintain the requirements and traceability in an ESDIS RTM system. Analysis work on the requirements will be done using an analysis tool developed using FileMaker Pro. The requirements will upon specifically defined events be download from RTM into the analysis tool. The analysis data base will be made available on a home page. Any user will need their own copy of FileMaker Pro. As the CCB process is in constant motion, the user will still have a responsibility to keep current with CCRs that have been submitted since the last download of the data base. The ESDIS RTM system and the analysis data base will contain the Level 1,2,3 and 4 requirements. ESDIS will maintain the Level 2 to 3 trace under ESDIS CCB control and will import Level 1 to 2 trace from MTPE and the Level 3 to 4 trace from element contractors (EDOS, ECOM, ECS) at specific event times, i.e. after major changes or reviews.

HAIS Response by: T. Suhrstedt

HAIS Schedule

HAIS R. E. R. Meyers

HAIS Response Date 3/27/95

The ECS responsibility is to trace level 3 and level 4 requirements which are maintained in the Requirements Tracing Methodology (RTM) tool. In addition, we are making RTM available for the mapping of level 3 to level 4. Appendix C of document 304-CD-002-002 traces the Level 4 requirements to the Level 3 requirements and ECS Releases. A copy of that document was submitted prior to PDR on January 31, 1995. An updated version of that document was submitted to the Government on March 23, 1995.

Appendix C of document 305-CD-002-002 traces the Level 4 requirements to the ECS Release A design. Examples of this trace were provided in the PDR version of that document from January 31, 1995. The completed trace is provided in the updated version of the document, as submitted to the Government on March 21, 1995.

Both documents will be made available on EDHS.

Status **Closed**

Date Closed **5/24/95**

Sponsor **Szczur**

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Attachment if any

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